UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/707,900	01/22/2004	James Edward Christensen	YOR920040019US1	1899

7590   05/16/2007

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ART UNIT	PAPER NUMBER
2616	

MAIL DATE	DELIVERY MODE
05/16/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

	Application No.	Applicant(s)
Office Action Summary	10/707,900	CHRISTENSEN ET AL.
	Examiner	Art Unit	
	Mark A. Mais	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>16 January 2007</u>.

2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1,2,4-13,15-18,20,21,23-26 and 28-36* is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1,2,4-13,15-18,20,21,23-26 and 28-36* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   a)☐ All   b)☐ Some * c)☐ None of:

   1. ☐ Certified copies of the priority documents have been received.

   2. ☐ Certified copies of the priority documents have been received in Application No. _____.

   3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date <u>2/9/07</u>.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) was filed on February 9, 2007. The submission is in compliance with the provisions of 37 C.F.R. 1.97. According, the examiner considered the IDS.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 2, 4-13, 15-18, 20, 21, 23-26, and 28-36 are rejected under 35 U.S.C. 102(b) as being anticipated by Barber et al. (USP 6,088,435).

4. With regard to claim 1, Barber et al. discloses a method for routing a communication connection request **[telephone networking service, Abstract]** comprising the steps of:

receiving a communication connection request from a communication connection

requestor, wherein said communication connection request does not identify a called

party and only identifies said communication connection requestor [caller calls into 800

or 900 number, col. 3, lines 62-66; Fig. 1; caller does not know the identity or the

telephone number of the called party, col. 5, lines 61-63];

in response to *said* communication connection request, *obtaining* context

information for *said* communication connection requestor [caller can enter a profile,

col. 3, lines 19-31 (i.e., an interest such as business or technical expertise); caller can

enter preferences, col. 3, lines 49-55 (i.e., willing to talk about specific interests)];

automatically using said context information for said communication connection

requestor [e.g., similar interests/hobbies (col. 3, lines 19-31) and willingness to

conference/speak about that subject (col. 3, lines 49-55); finds a match, col. 4, lines

48-49] and context information for *said* called party [e.g., similar interests/hobbies

(col. 3, lines 19-31) and willingness to conference/speak about that subject (col. 3,

lines 49-55); finds a match, col. 4, lines 48-49] to determine a communication

connection action [bridging the two users into a call, col. 4, lines 48-55], wherein said

context information for said called party comprises

a called party connectivity [conference abilities and video capabilities, col. 3,

lines 52-60] , wherein said communication connection action comprises a decision as to

who should be called and to whom said communication connection requestor should be

telephonically connected *without additional input from said communication connection*

requestor, and wherein at least one of an identification of said called party and contact

information is unknown to said connection requestor; and connecting said

communication connection requestor based on said connection action [e.g., similar

interests/hobbies (col. 3, lines 19-31) and willingness to conference/speak about that

subject (col. 3, lines 49-55); finds a match, col. 4, lines 48-49; then bridging the two

users into a call, col. 4, lines 48-55; caller does not know the identity or the telephone

number of the called party, col. 5, lines 61-63].

5. With regard to claim 12, Barber et al. discloses a method for providing a

communication connection for a user [telephone networking service, Abstract]

comprising the steps of:

receiving a communication connection request from said user, wherein said

communication connection request does not identify a called party and only identifies

said user [caller calls into 800 or 900 number, col. 3, lines 62-66; Fig. 1; caller does

not know the identity or the telephone number of the called party, col. 5, lines 61-

63];

obtaining context information for said user [caller can enter a profile, col. 3,

lines 19-31 (i.e., an interest such as business or technical expertise); caller can enter

preferences, col. 3, lines 49-55 (i.e., willing to talk about specific interests)];

using said context information for said user and context information for *said*

called party [e.g., similar interests/hobbies (col. 3, lines 19-31) and willingness to

conference/speak about that subject (col. 3, lines 49-55); finds a match, col. 4, lines

48-49] to determine a communication connection action [bridging the two users into a

call, col. 4, lines 48-55], wherein said context information for said called party comprises

a called party connectivity [conference abilities and video capabilities, col. 3,

lines 52-60] and a called party connection status [whether the called party is currently

active on the network, col. 4, lines 49-51] *and wherein said communication connection*

action comprises a decision as to who should be called and to whom said user should be

telephonically connected without additional input from said user; and connecting said

user based upon said connection action wherein at least one of an identification of said

called party and contact information for said called party is unknown to said user **[e.g.,**

similar interests/hobbies (col. 3, lines 19-31) and willingness to conference/speak

about that subject (col. 3, lines 49-55); finds a match, col. 4, lines 48-49; then

bridging the two users into a call, col. 4, lines 48-55; caller does not know the

identity or the telephone number of the called party, col. 5, lines 61-63].

6. With regard to claims 17, Barber et al. discloses a method of routing a caller's call

[telephone networking service, Abstract]comprising the steps of:

receiving a communication connection request from said caller, wherein said

communication connection request does not identify a called party and only identifies

said caller **[caller calls into 800 or 900 number, col. 3, lines 62-66; Fig. 1; caller does**

not know the identity or the telephone number of the called party, col. 5, lines 61-

63];

obtaining context information for said caller **[caller can enter a profile, col. 3,**

lines 19-31 (i.e., an interest such as business or technical expertise); caller can enter

preferences, col. 3, lines 49-55 (i.e., willing to talk about specific interests)];

using said context information for said caller **[e.g., similar interests/hobbies (col.**

3, lines 19-31) and willingness to conference/speak about that subject (col. 3, lines

49-55); finds a match, col. 4, lines 48-49] and context information for said called party

[e.g., similar interests/hobbies (col. 3, lines 19-31) and willingness to

conference/speak about that subject (col. 3, lines 49-55); finds a match, col. 4, lines
48-49] comprises a called party calendar [whether or not a person is available to talk,
col. 5, lines 22-31; interpreted as any calendrical time to include current availability
as well as time-frames, minutes, hours, days, years] to determine a communication
connection action [bridging the two users into a call, col. 4, lines 48-55], wherein said
context information for said called party [caller can enter a profile, col. 3, lines 19-31
(i.e., an interest such as business or technical expertise); caller can enter
preferences, col. 3, lines 49-55 (i.e., willing to talk about specific interests)] comprises

a called party connectivity [conference abilities and video capabilities,
col. 3, lines 52-60],

a called party connection status [whether the called party is currently
active on the network, col. 4, lines 49-51], and

at least one of corporate and personal data of said called party [Fig. 2,
Record 50 contains personal data, col. 2, lines 51-65] from at least one of

sensors that detect at least of motion, sound, light, and pressure deployed
in spaces frequented by said called party,

radio frequency identification readers that detect the presence of
companion devices that have been provisioned with identification numbers
associated with said called party, and at least one of

a location [Fig. 2, address field 58, col. 3, line 16],

activity, and

network address of at least one personal device of said called party
[Fig. 2, address field 58, col. 3, line 16], comprising at least one of

a cellular telephone [**Fig. 2, telephone number field 60, col. 3,**

lines 17-18; interpreted as including cell phones],

an office telephone [**Fig. 2, telephone number field 60, col. 3,**

lines 17-18; interpreted as including office phones],

a home telephone [**Fig. 2, telephone number field 60, col. 3, lines**

17-18; interpreted as including home phones],

a laptop computer,

a desktop computer, and

an automobile,

wherein said communication connection action comprises a decision as to who

should be called and to whom said user should be telephonically connected without

additional input from said caller; and *wherein at least one of an identification of said*

called party and contact information for said called party is unknown to said caller; and

connecting said caller based upon said connection action [**e.g., similar interests/hobbies**

(col. 3, lines 19-31) and willingness to conference/speak about that subject (col. 3,

lines 49-55); finds a match, col. 4, lines 48-49; then bridging the two users into a call,

col. 4, lines 48-55; caller does not know the identity or the telephone number of the

called party, col. 5, lines 61-63].

7. With regard to claim 28, Barber et al. discloses a service for determining a

communication connection for a caller [**telephone networking service, Abstract**]

comprising the method steps of:

receiving a communication connection request from said caller, wherein said

communication connection request does not identify a called party and only identifies

said caller **[caller calls into 800 or 900 number, col. 3, lines 62-66; Fig. 1; caller does**

not know the identity or the telephone number of the called party, col. 5, lines 61-

63];

obtaining context information for said caller **[caller can enter a profile, col. 3,**

lines 19-31 (i.e., an interest such as business or technical expertise); caller can enter

preferences, col. 3, lines 49-55 (i.e., willing to talk about specific interests)];

using said context information for said caller **[e.g., similar interests/hobbies (col.**

3, lines 19-31) and willingness to conference/speak about that subject (col. 3, lines

49-55); finds a match, col. 4, lines 48-49] and context information for said called party

[e.g., similar interests/hobbies (col. 3, lines 19-31) and willingness to

conference/speak about that subject (col. 3, lines 49-55); finds a match, col. 4, lines

48-49] to determine a communication connection action **[bridging the two users into a**

call, col. 4, lines 48-55], wherein said context information for said called party comprises

a called party connectivity **[conference abilities and video capabilities,**

col. 3, lines 52-60],

a called party connection status **[whether the called party is currently**

active on the network, col. 4, lines 49-51], and

at least one of corporate and personal data of said called party **[Fig. 2,**

Record 50 contains personal data, col. 2, lines 51-65] from at least one of

sensors that detect at least of motion, sound, light, and pressure deployed

in spaces frequented by said called party,

radio frequency identification readers that detect the presence of

companion devices that have been provisioned with identification numbers

associated with said called party, and at least one of

a location **[Fig. 2, address field 58, col. 3, line 16]**,

activity **[status can be conversation, data acquisition, or**

inactive, col. 5, lines 3-5], and

network address of at least one personal device of said called party

[Fig. 2, address field 58, col. 3, line 16], comprising at least one of

a cellular telephone **[Fig. 2, telephone number field 60, col. 3,**

lines 17-18; interpreted as including cell phones],

an office telephone **[Fig. 2, telephone number field 60, col. 3,**

lines 17-18; interpreted as including office phones],

a home telephone **[Fig. 2, telephone number field 60, col. 3, lines**

17-18; interpreted as including home phones],

a laptop computer,

a desktop computer, and

an automobile,

wherein said communication connection action comprises a decision as to who

should be called and to whom said user should be telephonically connected without

additional input from said caller, and *wherein at least one of an identification of said*

called party and contact information for said called party is unknown to said caller; and

connecting said caller based upon said connection action **[e.g., similar interests/hobbies**

(col. 3, lines 19-31) and willingness to conference/speak about that subject (col. 3,

lines 49-55); **finds a match, col. 4, lines 48-49; then bridging the two users into a call, col. 4, lines 48-55; caller does not know the identity or the telephone number of the called party, col. 5, lines 61-63].**

8. With regard to claim 29, Barber et al. discloses an apparatus for use in a computer services environment **[telephone networking service, Abstract]** said apparatus comprising:

a receiver **[Fig. 1, networking equipment 28]** *operative to receive a communication connection request from a caller, wherein said communication connection request does not identify a called party and only identifies said caller* **[caller calls into 800 or 900 number, col. 3, lines 62-66; Fig. 1; caller does not know the identity or the telephone number of the called party, col. 5, lines 61-63];**

at least one processor **[Fig. 1, processor 32]** operative to route a *communication connection of said caller* based upon context information for said caller **[e.g., similar interests/hobbies (col. 3, lines 19-31) and willingness to conference/speak about that subject (col. 3, lines 49-55); finds a match, col. 4, lines 48-49]** and context information for *said* called party **[e.g., similar interests/hobbies (col. 3, lines 19-31) and willingness to conference/speak about that subject (col. 3, lines 49-55); finds a match, col. 4, lines 48-49]**, wherein said context information for said called party comprises

a called party connectivity **[conference abilities and video capabilities, col. 3, lines 52-60]**,

a called party connection status **[whether the called party is currently active on the network, col. 4, lines 49-51]**, and

at least one of corporate and personal data of said called party [**Fig. 2,**

Record 50 contains personal data, col. 2, lines 51-65] from at least one of

sensors that detect at least of motion, sound, light, and pressure deployed

in spaces frequented by said called party,

radio frequency identification readers that detect the presence of

companion devices that have been provisioned with identification numbers

associated with said called party, and

at least one of

a location [**Fig. 2, address field 58, col. 3, line 16**],

activity [**status can be conversation, data acquisition, or**

inactive, col. 5, lines 3-5], and

network address of at least one personal device of said called party

[**Fig. 2, address field 58, col. 3, line 16**], comprising at least one of

a cellular telephone [**Fig. 2, telephone number field 60, col. 3,**

lines 17-18; interpreted as including cell phones],

an office telephone [**Fig. 2, telephone number field 60, col. 3,**

lines 17-18; interpreted as including office phones],

a home telephone [**Fig. 2, telephone number field 60, col. 3, lines**

17-18; interpreted as including home phones],

a laptop computer,

a desktop computer, and

an automobile; and

use said context information for said caller and said context information for a

called party to determine a communication connection action for connecting said caller

[bridging the two users into a call, col. 4, lines 48-55], *wherein said communication*

connection action comprises a decision as to who should be called and to whom said

caller should be telephonically connected without additional input from said caller; and

wherein at least one of an identification of said called party and contact information for

said called party is unknown to said caller **[e.g., similar interests/hobbies (col. 3, lines**

19-31) and willingness to conference/speak about that subject (col. 3, lines 49-55);

finds a match, col. 4, lines 48-49; then bridging the two users into a call, col. 4, lines

48-55; caller does not know the identity or the telephone number of the called party,

col. 5, lines 61-63].

9. With regard to claim 36, Barber discloses a method for routing a communication

connection request **[telephone networking service, Abstract]** comprising the steps of:

receiving a communication connection request from a *communication connection*

requestor, wherein said communication connection request does not identify a called

party and only identifies said communication connection requestor **[caller calls into 800**

or 900 number, col. 3, lines 62-66; Fig. 1; caller does not know the identity or the

telephone number of the called party, col. 5, lines 61-63];

automatically selecting *said* called party without additional input from said

communication connection requestor **[e.g., similar interests/hobbies (col. 3, lines 19-31)**

and willingness to conference/speak about that subject (col. 3, lines 49-55); finds a

match, col. 4, lines 48-49], wherein said selecting of said called party is based on at least

one of

context information of said *communication connection requestor* **[e.g.,**

similar interests/hobbies (col. 3, lines 19-31) and willingness to

conference/speak about that subject (col. 3, lines 49-55); finds a match, col. 4,

lines 48-49]; and

context information of said called party **[e.g., similar interests/hobbies**

(col. 3, lines 19-31) and willingness to conference/speak about that subject

(col. 3, lines 49-55); finds a match, col. 4, lines 48-49] and

wherein at least one of an identification of said called party is unknown to said

*communication connection requestor; and e*stablishing a communication connection

between said communication connection requestor and said called party **[e.g., similar**

interests/hobbies (col. 3, lines 19-31) and willingness to conference/speak about that

subject (col. 3, lines 49-55); finds a match, col. 4, lines 48-49; then bridging the two

users into a call, col. 4, lines 48-55; caller does not know the identity or the telephone

number of the called party, col. 5, lines 61-63].

10. With regard to claims 2, 4, 13, 15, 18 and 20, Barber discloses that determining a

confidence factor for said connection action; and performing said connection in response

to exceeding a confidence factor threshold **[finds a match based on *selective* criteria,**

col. 4, lines 43-48; this is interpreted as matching a threshold for selectivity].

11. With regard to claims 5, 16, 21, and 30, Barber et al. discloses that determining a connection action is done with rules engine **[rules such as accepting inbound calls, willingness to accept group calls, or selecting only single calls, col. 3, lines 49-55]**.

12. With regard to claims 6, 7, 8, and 9, Barber et al. discloses providing an indication of an associated action **[updating profile, col. 4, lines 36-37]**, data transmission **[voicemail/messages, col. 4, lines 35-36]**, notification **[receiving messages, col. 6, lines 47-49]** and workflow initiation **[movie/book review, col. 6, lines 23-27]**.

13. With regard to claim 10, Barber et al. discloses that providing an indication of an associated action further includes the step of having a logging action **[entering subscriber ID, col. 4, lines 4-9]**.

14. With regard to claim 11, Barber et al. discloses that providing an indication of an associated action further includes the step of directing said associated action to at least one additional connection **[entering a PIN to authenticate, col. 4, lines 14-24]**.

15. With regard to claims 23 and 31, Barber et al. discloses using a caller's calendar to assist in determining the communication connection action **[whether or not a person is available to talk, col. 5, lines 22-31; interpreted as any calendrical time to include current availability as well as time-frames, minutes, hours, days, years]**.

16. With regard to claim 24, Barber et al. discloses authenticating the caller before determining said communication connection action **[entering a PIN to authenticate, col. 4, lines 14-24]**.

17. With regard to claim 25, Barber et al. discloses requiring a single action by a caller for determining the communication connection action **[wanting a movie/book review, col. 6, lines 23-27]**.

18. With regard to claim 26, Barber et al. discloses the step of using biometrics to authenticate the caller **[voice recognition (speaker dependent), col. 4, lines 23-24]**.

19. With regard to claims 32 and 33, Barber et al. discloses using said context information for said called party to assist in determining said communication connection action comprises:

    using said context information for said called party **[e.g., similar interests/hobbies (col. 3, lines 19-31) and willingness to conference/speak about that subject (col. 3, lines 49-55); finds a match, col. 4, lines 48-49]** comprising

        at least one of

                a called party location **[Fig. 2, address field 58, col. 3, line 16]**;

                called party policy;

                called party availability **[status can be conversation, data acquisition, or inactive, col. 5, lines 3-5]**;

called party connectivity **[conference abilities and video**

capabilities, col. 3, lines 52-60];

called party connection status **[whether the called party is**

currently active on the network, col. 4, lines 49-51]; and

at least one of corporate and personal data of said called party **[Fig. 2,**

Record 50 contains personal data, col. 2, lines 51-65] from at least one of

sensors that detect motion, sound, light, and pressure deployed in

spaces frequented by said called party,

radio frequency identification readers that detect the presence of

companion devices that have been provisioned with identification numbers

associated with said called party, and

at least one of

a location **[Fig. 2, address field 58, col. 3, line 16]**,

activity **[status can be conversation, data acquisition, or**

inactive, col. 5, lines 3-5], and

network address of at least one personal device of said called party

[Fig. 2, address field 58, col. 3, line 16], comprising at least one of

a cellular telephone **[Fig. 2, telephone number field 60,**

col. 3, lines 17-18; interpreted as including cell phones],

an office telephone **[Fig. 2, telephone number field 60,**

col. 3, lines 17-18; interpreted as including office phones],

a home telephone **[Fig. 2, telephone number field 60, col.**

3, lines 17-18; interpreted as including home phones],

a laptop computer,

a desktop computer, and

an automobile.

20. With regard to claims 34 and 35 Barber et al. discloses using said context

information for said called party to assist in determining said communication connection

action comprises: using said context information for said called party comprising at least

one of a called party location; called party policy; and called party availability **[e.g.,

similar interests/hobbies (col. 3, lines 19-31) and willingness to conference/speak

about that subject (col. 3, lines 49-55); finds a match, col. 4, lines 48-49]**.

Response to Arguments

21. Applicant's arguments with respect to claims 1, 2, 4-13, 15-18, 20, 21, 23-26, and 28-

36 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

22. Applicant's amendment necessitated the new ground(s) of rejection presented in this

Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

23. A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the

advisory action. In no event, however, will the statutory period for reply expire later than

SIX MONTHS from the date of this final action.

24. The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure:

      (a) Seligmann et al. (USP 7,162,256), Presence-based telecommunications

system. This reference contains all the limitations disclosed in claims 1, 2, 4-13, 15-18,

20, 21, 23-26, and 28-36.

      (b) Cornell et al. (USP 6,330,320), Enhanced conference call service. This

reference contains all the limitations disclosed in claims 1, 2, 4-13, 15-18, 20, 21, 23-26,

and 28-36.

      (c) Christofferson et al. (USP 6,807,563), Automatic teleconferencing control

system.

      (d) Manber et al. (USP 7,120,668), Systems and methods for matching

participants to a conversation.

(e) Brown et al. (USP 7,103,172), Managing caller profiles across multiple hold queues according to authenticated caller identifiers.

(f) Weisman et al. (USP 6,839,417), Method and apparatus for improved conference call management.

(g) Colson et al. (USP 7,184,539), Automated call center transcription services.

(h) Brown et al. (USP 7,139,3900, Promoting use of experts to callers waiting in a hold queue.

(i) Godfrey et al. (USP 6,463,463), system and method for pushing calendar event messages from a host system to a mobile data communication device. This reference contains all the limitations disclosed in claims 1, 2, 4-13, 15-18, 20, 21, 23-26, and 28-36.

25. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark A. Mais whose telephone number is 572-272-3138. The examiner can normally be reached on M-Th 5am-4pm.

26. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

27. Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO

Customer Service Representative or access to the automated information system, call

800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MAM

April 18, 2007

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